

I claim:

1. A cook top comprising

a transparent, colorless glass ceramic or glass panel providing a cooking surface, said glass ceramic or glass panel being made from pre-stressed special glass; and

an IR-permeable undercoat on an underside of the glass ceramic or glass panel, said IR-permeable undercoating comprising a heat-resistant inorganic enamel paint;

wherein said inorganic enamel paint comprises from 70 to 99 percent by weight of inorganic pigment and from 1 to 30 percent by weight of glass flux.

2. The cook top as defined in claim 1, wherein said inorganic enamel paint comprises from 80 to 95 percent by weight of said inorganic pigment and from 5 to 20 percent by weight of said glass flux.

3. The cook top as defined in claim 1, wherein said glass flux comprises a glass with a thermal expansion coefficient less than or equal to $4 \cdot 10^{-6} \text{ K}^{-1}$.

4. The cook top as defined in claim 3, wherein said glass flux comprises a borosilicate glass.

5. The cook top as defined in claim 1, wherein said undercoat is applied to said underside by screen printing and burning in.
6. The cook top as defined in claim 1, wherein a ratio of pigment powder to screen printing medium amounts to from 0.4 to 2.0.
7. The cook top as defined in claim 1, wherein said inorganic pigment in said undercoat comprises a mixture of different colored pigments.
8. The cook top as defined in claim 1, wherein said undercoat on said underside is a color-imparting decoration.
9. The cook top as defined in claim 1, wherein said undercoat on said underside is multi-layered.
10. The cook top as defined in claim 1, further comprising a covering layer of another paint backing said undercoat on said underside.
11. The cook top as defined in claim 1, wherein said undercoat on said underside is provided with openings or different colored regions to mark cooking zones.

12. The glass ceramic or glass panel as defined in claim 1, wherein said undercoat on said underside is provided with at least one display window for colored LEDs or LCDs.

13. The glass ceramic or glass panel as defined in claim 12, wherein said at least one display window is for at least one residual heat signaling device.

14. The glass ceramic or glass panel as defined in claim 1, having a bending strength of at least 110 Mpa and an impact resistance of greater than 0.5 Nm.